

## ABSTRACT

A fan has a fan housing (2) which is formed with a pot-shaped recess (4) and it has an external-rotor drive motor (103) having an internal stator (22) and an external rotor (34), separated from each other by an air gap (52). The internal stator (22) is mounted on a bearing support tube (24) which is connected to a base part (46). The arrangement of bearing support tube (24) and base part (46) form, together with the pot-shaped recess portion (4) of fan housing (2), a substantially fluid-tight annular space (54) enclosing the inner stator (22). A wall (56) defining this annular space (54) extends in the manner of a canned motor through the air gap (52) between inner stator (22) and external rotor (34).